

Industri-plex Superfund Site Operable Unit 2 (including Wells G&H Superfund Site Operable Unit 3)

**Proposed Plan
Second Public Hearing
November 17, 2005**



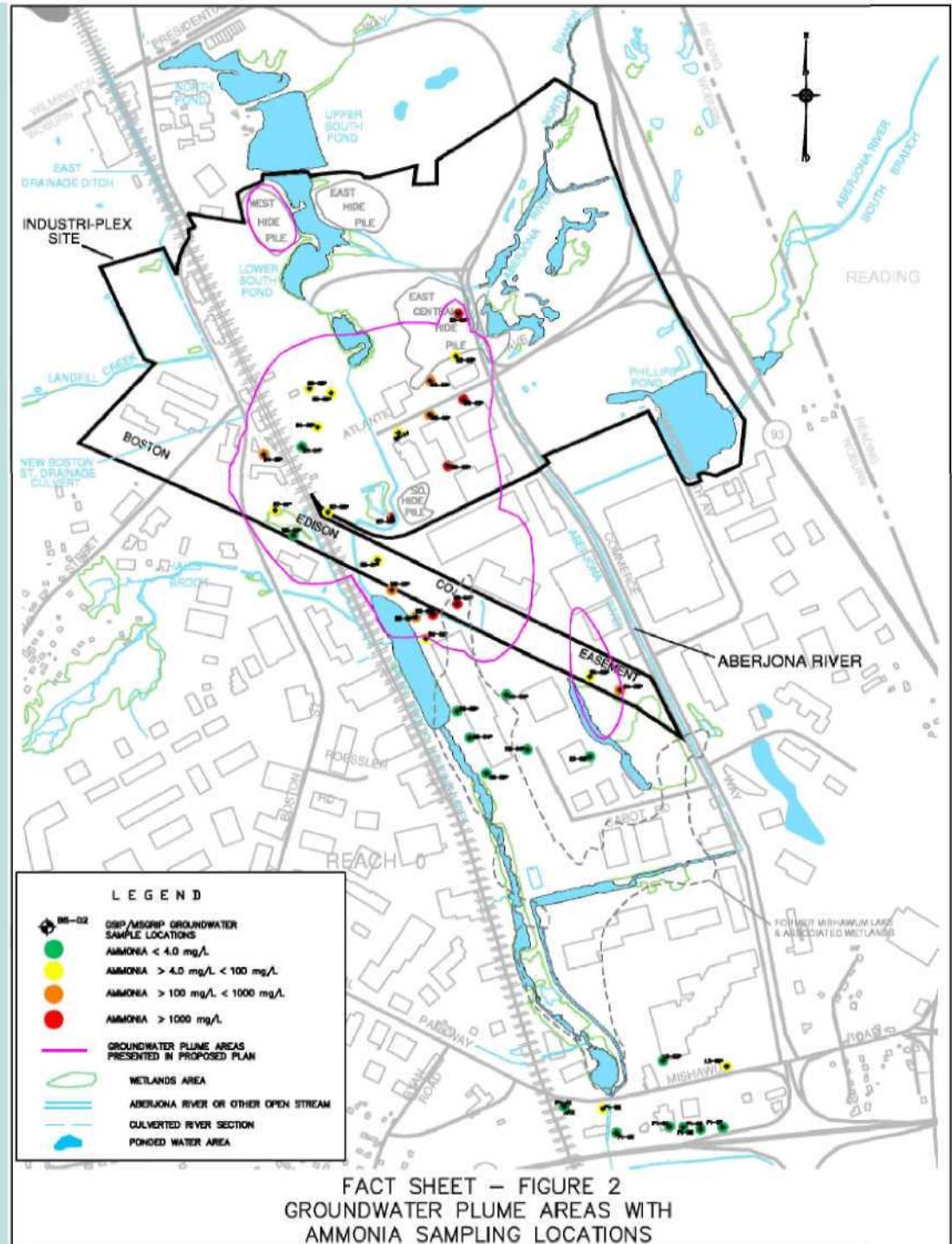
Overview

- June 30, 2005 Proposed Plan Released
- Initial Public Comment Period:
July 1 – August 31, 2005, including 30-day extension
- July 27, 2005 Initial Public Hearing
- EPA receives numerous public comments
- EPA Re-opens Public Comment Period:
October 20, 2005 – November 18, 2005
- November 17, 2005 Second Public Hearing
- Record of Decision with Responsiveness Summary:
Winter 2005

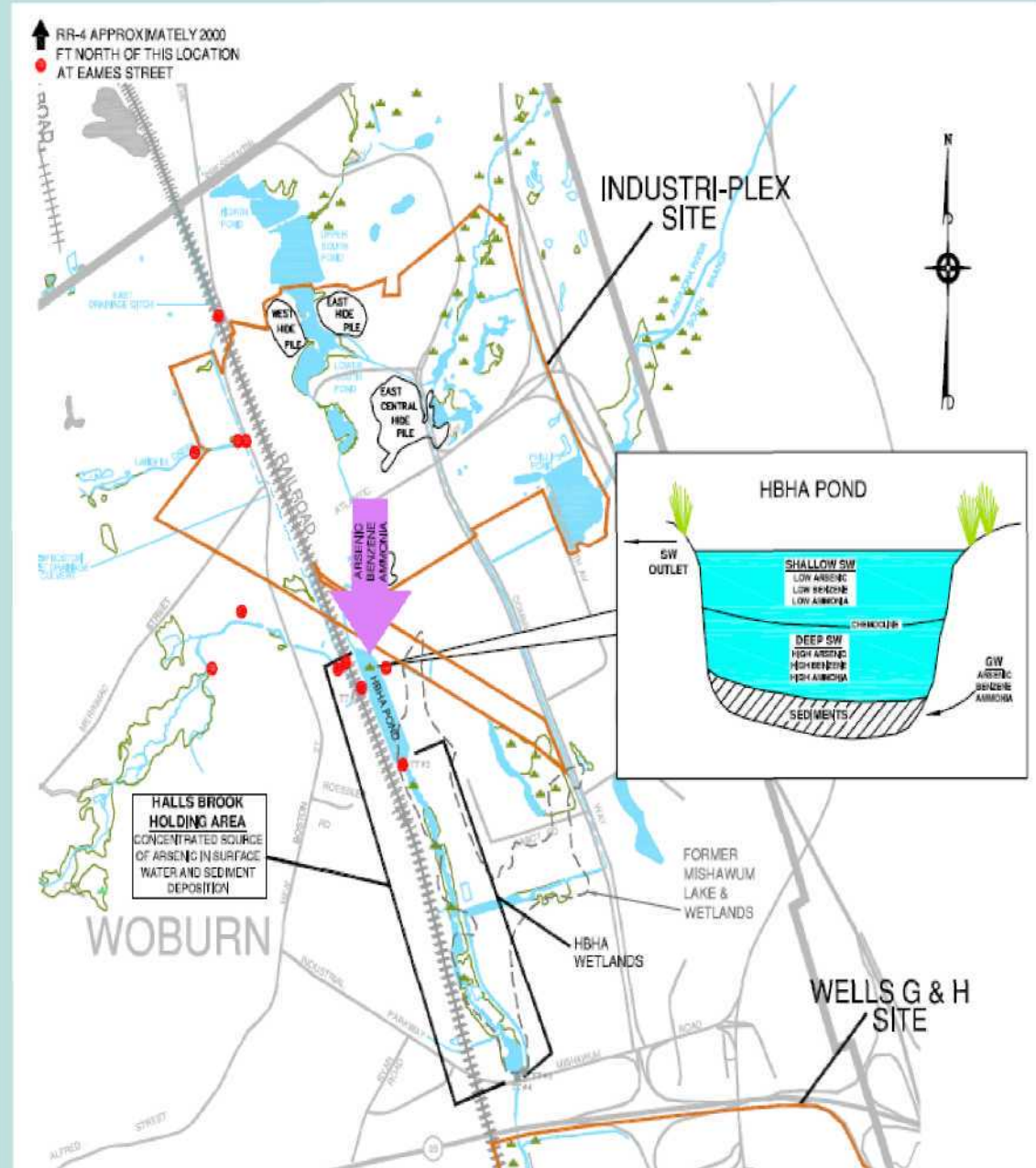
Supplemental Information Released Prior to 2nd Public Comment Period

- October 2005 Technical Memorandum – Evaluation of Ammonia and Supplemental Soil Data
- October 2005 Fact Sheet, supplementing the June 30, 2005 Proposed Plan
- Supplemental Administrative Record, including all public comments received by August 31st
- Ammonia Added as Contaminant of Concern
- No impacts to the June 30th Proposed Plan

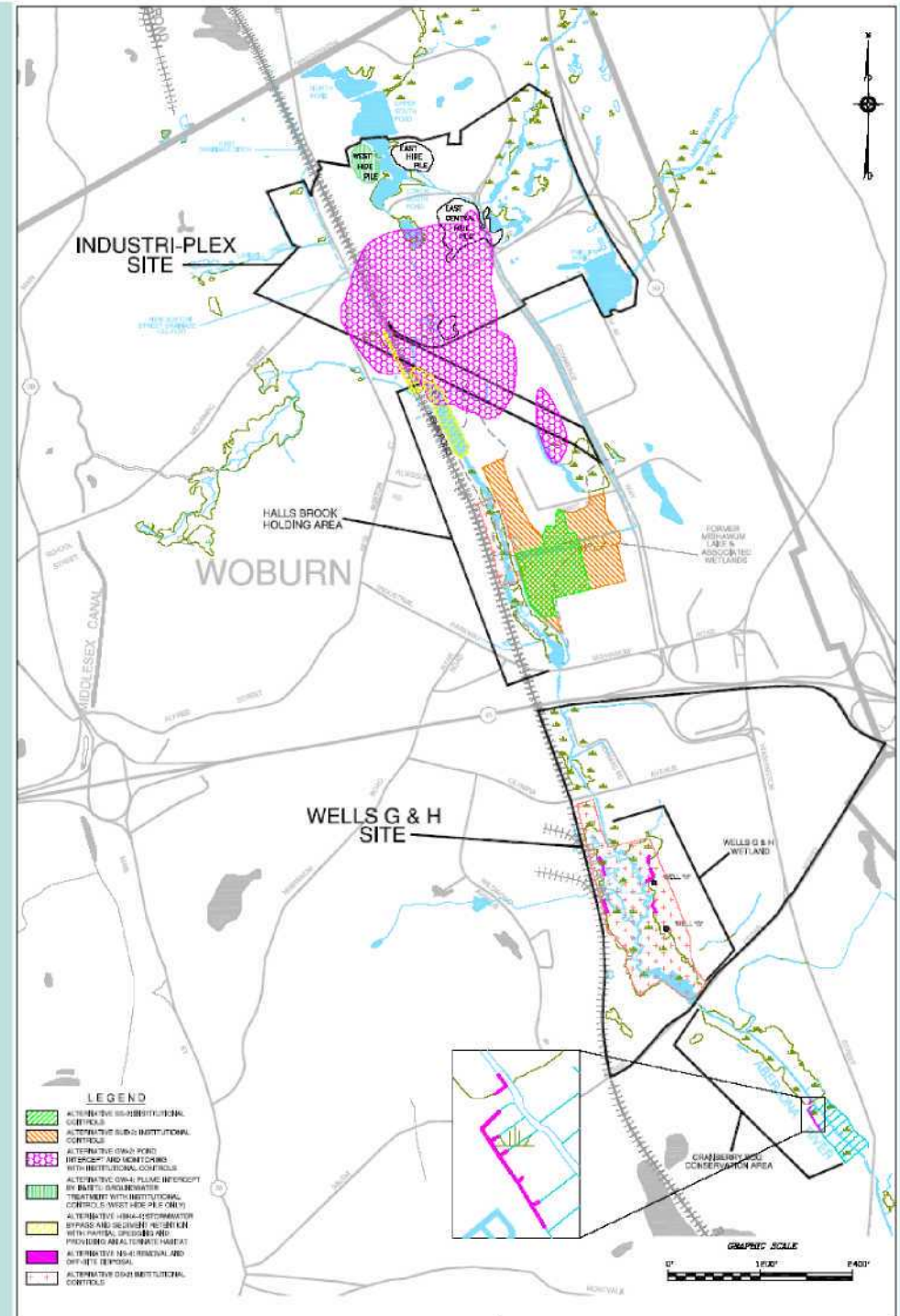
- Previously identified Arsenic, Benzene and VOC Groundwater Plumes also contain Ammonia.
- Highest Ammonia concentrations were found near buried animal hide waste at Industri-plex



- Groundwater Plumes migrate and discharge into the HBHA Pond
- Deep surface water in the HBHA Pond contains high concentrations of Ammonia
- Shallow surface water contains elevated concentrations of Ammonia



- Summary of Proposed Plan



GW-2: Pond Intercept with Monitoring and Institutional Controls

- Prevents or controls potential exposures to contaminated groundwater through institutional Controls.
- Coupled with HBHA-4, this alternative also controls the downstream migration of contaminated groundwater by intercepting it at the northern portion of the HBHA Pond.

GW-4: West Hide Pile

- In-situ Enhanced Bioremediation will be used to treat benzene contamination at the West Hide Pile.
- This alternative includes institutional controls.

HBHA-4: Storm Water Bypass & Sediment Retention with Partial Dredging & Providing Alternate Habitat

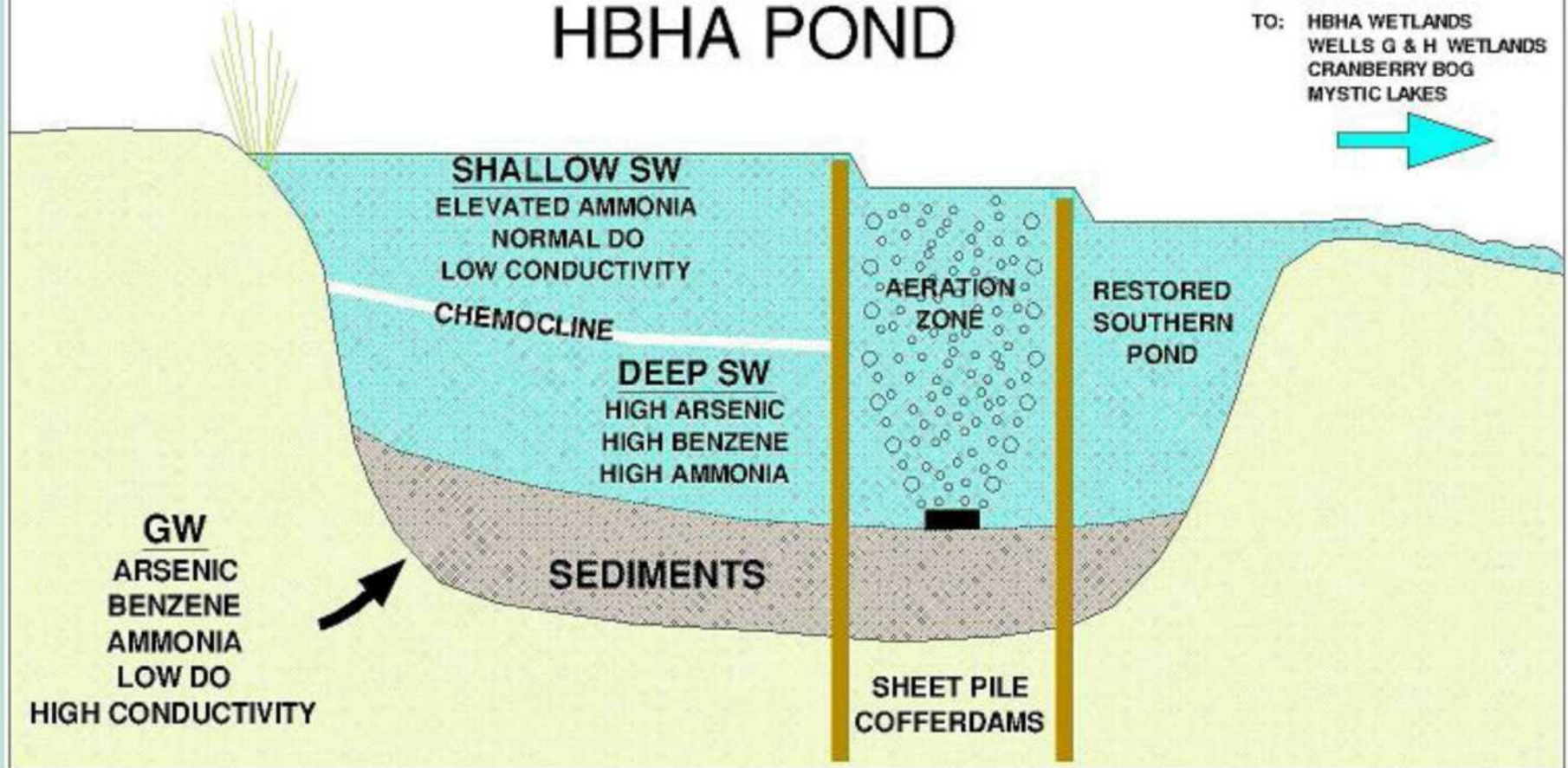
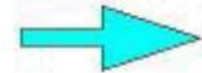
- Southern Portion: Sediments will be dredged, disposed of off-site, and restored.
- Northern Portion: Incorporated into the cleanup remedy as a sediment retention area to minimize contaminant migration downstream.

HBHA-4: Storm Water Bypass & Sediment Retention with Partial Dredging & Providing Alternate Habitat

- The northern portion will intercept contaminated groundwater; maintain a chemocline in surface water to degrade and sequester contamination; and aerate surface water between cofferdams to enhance treatment.
- Sediments that accumulate in the northern portion will require periodic dredging and off-site disposal.
- Storm water bypass system will be constructed to divert Halls Brook storm water to southern portion.

HBHA POND

TO: HBHA WETLANDS
WELLS G & H WETLANDS
CRANBERRY BOG
MYSTIC LAKES



HBHA-4: Storm Water Bypass & Sediment Retention with Partial Dredging & Providing Alternate Habitat

- Capping and stabilizing sediments along 1,000 linear feet of the New Boston Street drainway with impermeable cap.
- Capping and stabilizing soils adjacent to NSTAR and MBTA rights-of-way with a permeable cap.
- Wetlands losses will be compensated elsewhere in the watershed.

NS-4: Removal and Off-site Disposal

- Remove and dispose of shore line contaminated sediments from Wells G&H Wetland and Cranberry Bog Conservation Area and restore the area.

DS-2: Institutional Controls

- Institutional controls to prevent or control potential exposures to contaminated sediments during potential future dredging activities.

SW-2: Monitoring

- Long-term monitoring of groundwater, surface water and sediments to evaluate the status and migration of contaminants, and overall effectiveness of the remedy.

SS-2 and SUB-2: Institutional Controls with Monitoring

- Controls potential exposures to contaminated soil through institutional controls.

Next Steps

- Formal Public Comment Period ends Friday, November 18, 2005.
- Mail, Email, or Fax Written Comments to:
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Fax: (617) 918-1291

Next Steps

- In the Winter, EPA expects to have reviewed all comments and signed a Record of Decision document.
- A summary of EPA's responses to public comments will be made available to the public at the information repositories (Woburn Public Library and EPA's Record Center) and on EPA's web site.